

ATTACHMENT 4

**PROFESSIONAL PAPERS,
PRESENTATIONS AND POSTERS**

Attachment 4

PAPERS

<u>Title</u>	<u>Target Audience</u>
1997 <i>A Grazing Land Water Quality Program for Producers</i>	Proceedings Specialty Conference for Rangeland Management and Water Quality sponsored by AWWA in Reno, NV
1999 <i>Economic Considerations of Physical Improvements and Management Changes to Enhance Water Quality on Kansas Grazing Land</i>	Society for Range Management/American Forage and Grassland Council joint annual meeting in Omaha in February
<i>Grazing Land Water Quality in Kansas: Problem or Opportunity</i>	Society for Range Management/American Forage and Grassland Council joint annual meeting in Omaha in February
<i>Profitability of Establishing Basin Wildrye for Winter Grazing</i>	Western Agricultural Economics Association annual meetings in Fargo, North Dakota on July 13
2000 <i>Influence of Land Tenure Arrangements on Grazing Land Management Incentives</i>	A new western regional research publication scheduled to be begin publication February 2001. The title of the publication is <i>Current Issues in Rangeland Resource Economics</i>
2001 <i>Factors Influencing Optimal Stocking Rates from a Tenant Perspective Current Issues in Rangeland Resource Economics Influence of Grazing Lease Terms on Economic Optimal Stocking Rates</i>	Submitted for publication in the Journal of Range Management
2002 <i>Grazing Distribution</i> (revision in press)	KSU Research and Extension clientele
<i>Capital improvement feasibility under price and production risks: The cow/calf model</i>	Western Agricultural Economics Association (pending)

PRESENTATIONS

A total of 31 presentations have been made by project staff regarding project material. Titles of these presentations are included in the table below.

<u>Title</u>	<u>Target Audience</u>
1997 Objectives and Goals of the Grazing Land Water Quality Project	Grasslands Committee Grasslands Committee of the Kansas Association of Conservation Districts, November 23, Wichita, KS.
1998 A Progress Report of the Kansas Grazingland Water Quality Program	Grasslands Committee Grasslands Committee meeting of the Kansas Association of Conservation Districts on November 22, 1998 in Wichita, Kansas
Update presentations - November and December	County Extension Agent update meetings for the Southeast, Northeast, Northwest, and South Central Extension Areas
1999 Ranch tour - June 23, 1999	The tour highlighted a recently installed water system and fencing improvements. It provided an opportunity to explain the project and some preliminary findings to a audience comprised of mostly local producers.
Discussed a draft copy of project financial and production data collection forms	<i>4th Annual Cow/Calf Nutrition Conference for Veterinarians</i> - September 9-10, Manhattan
Initial project findings and a proposed delivery method	County Extension Agents, October 18, K-State Research and Extension Annual Conference
Computer slide show illustrating the focus of the project	November 9, 1999 project personnel presented the project to the Nature Conservancy and discussed the Smokey Hill Ranch operations and possible collaborative work.
2000 State Advisory Committee meeting	January 5, 2000, a meeting of key organizations interested or involved in this project discussed development of a state advisory committee. Subsequently, a committee was formed consisting of representatives of producer groups, environmental groups, and government agencies.

<u>Title</u>	<u>Target Audience</u>
<i>A Five-year Comparative Study of Continuous and Rotational Stocker Grazing</i>	Society for Range Management annual meeting in Boise, Idaho in February, 2000
<i>Turning Nonpoint Source into Point Source on a Localized Basis</i>	Society for Range Management annual meeting in Boise, Idaho in February, 2000
<i>Using Visual Observations to Identify Problems and Promote Improved Water Quality</i>	Society for Range Management annual meeting in Boise, Idaho in February, 2000
<i>Factors Influencing Optimal Stocking Rates from a Tenant Perspective</i>	Western Coordinating Committee on Range Economics
<i>Grazing Land Water Quality: Concerns, Causes and Remedies</i>	September 22 Kansas Section, Society for Range Management fall meeting
<i>Influence of Land Tenure Arrangements on Grazing Land Management Incentives</i>	Annual meeting of the Western Agricultural Economics Association held June 29-July 1, 2000 in Vancouver, British Columbia, Canada
<i>Grazing Lease Arrangements: Differences and Economic Incentives</i>	Risk and Profit Conference hosted by the K-State Department of Agricultural Economics
2001 State Advisory Committee meeting	January 4, 2001. The status of the project developed literature database and management system assessment process was reviewed and the cooperative pond water sampling data were presented. Discussion following presentations focused on Total Maximum Daily Load compliance, technical and financial assistance needs, and options for delivery project developed education programs and materials.
<i>Factors Influencing Optimal Stocking Rates from a Tenant Perspective</i>	Annual meeting Society for Range Management Kona, Hawaii February, 2001
WQFARE workshop #1	Conducted September 24 th at Frankfort, Kansas Seventeen participants took part in this first session of a series of workshops to be held in the initial project study area. Participants included 6 cooperators, 3 invited producers, 3 Extension Agents, 3 Kansas-Lower Republican Basin Extension Watershed Specialists and 2 invited observers. Pasture inventory methods described were presented and subsequently applied and discussed in a pasture near the Marshall and Pottawatomie County border

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WQFARE workshop #2	October 19, current management system evaluation was presented and discussed. This presentation included a detailed look at the study site problems, their sources, and what could be done to correct them. Hypothetical management data was provided to support this evaluation process. In preparation for the next workshop, procedures for evaluating the current financial viability of an enterprise were presented.
State Advisory Committee meeting	December 17, 2001, a project status update was provided followed by lively and interested discussion. Discussion focus included: 1) the need/demand for the WQFARE Stewardship Program, 2) targeting its delivery, 3) marketing the program to producers and other by stressing livestock production benefits associated with water quality and program ability to address other environmental concerns in addition to water quality (wildlife, carbon sequestration, etc.), 4) how to best document WQFARE training and implementation
WQFARE workshop #3	December 18, Problems and sources were first reviewed. Next, baseline profitability estimates for the study site were presented using hypothetical economic information. Low, moderate and high - input alternatives were discussed. Nine participants attended
2002 WQFARE workshop #4	The fourth and final workshop in the pilot series was held January 31. A review of previous sessions was presented and alternative management strategies were discussed and analyzed using a prototype decision support tool for economic analysis. Seven people participated in this workshop and completed a feedback survey.
WQFARE business management concept	Incorporated into the 2002 Sheep School materials presented in January and February.

Title

Target Audience

Grazing Management Workshops

A description and copy of the WQFARE process was provided at six workshops held across the state in January. The theme of linking profitable grazing and protecting water quality was central to these workshops

Water Quality Financial Analysis and Resource Evaluation - The Kansas Program

Society for the Range Management (SRM) Annual Conference held Feb.13-19 in Kansas City Missouri

Locating and Documenting Education and Research Efforts

Society for the Range Management (SRM) Annual Conference held Feb.13-19 in Kansas City Missouri

A Systematic Approach for Economic Analysis of Water Quality Improvements

Society for the Range Management (SRM) Annual Conference held Feb.13-19 in Kansas City Missouri

Estimated Economic Impacts of the Invasive Plant Sericea Lespedeza on Kansas Grazinglands.

Society for the Range Management (SRM) Annual Conference held Feb.13-19 in Kansas City Missouri

A review of project data and utilization plus tours of 2 cooperators pastures and Konza Prairie Biological Station

5 members of the Food and Agricultural Policy Research Institute (FAPRI) staff

POSTERS

Note: * Early posters were not rendered digitally so a reproducible image is unavailable.
^ Posters marked were not included because a more comprehensive poster was developed.

Title

Target Audience

1997

*Developing a Grazing Land Water Quality Education Program**

Proceedings Specialty Conference for Rangeland Management and Water Quality sponsored by AWWA in Reno, NV

1998

*Kansas Grazing Land Water Quality Education Program**

Annual Meeting of the Society for Range Management, February 8-12, 1998
Water and the Future of Kansas Conference
Cattleman's Day
Building Clean Water Communities Conference

Title

Target Audience

*A Grazing Land Water Quality Program for Producers**

Specialty Conference for Rangeland Management and Water Quality May 27-30, 1998 in Reno, NV; Pottawatomie County Fair, Nemaha County Free Fair, Ecology of Forage and Grazinglands graduate class, KSU Agronomy Field Day, Bressener Pasture Field Day, KSU Research and Extension Annual Conference

1999

*What are the Grazing land Water Quality Issues?**

Water and the Future of Kansas Conference
Cattlemen's Day (KSU)
21st Century Cattleman's Meeting (Onaga, KS)
Grazing Management School - Butler County
Grazing Management School - Reno County

Assessing and Addressing Potential Grazing Land Water Quality Concerns

Agronomy Field Day (KSU)

Evaluating Water Quality on Grazing Lands: A Decision Process

KSU Research and Extension Annual Conference
Riparian Buffer Symposium KSU Union
Kansas Association of Conservation Districts

2000

Using GIS and GPS Technologies to Improve Water Quality Associated With Grazing Lands ^

SRM Annual Meeting Boise, ID
Water and the Future of Kansas
Cattlemen's Day (KSU)
Sericea Lespedeza Symposium

Influence of Economic Variables on Stocking Rates and Water Quality in Kansas

SRM Annual Meeting Boise, ID
Water and the Future of Kansas
Cattlemen's Day (KSU)
Sericea Lespedeza Symposium

Using Visual Observations to Identify Problems and Promote Improved Water Quality

Water and the Future of Kansas
Cattlemen's Day (KSU)
Sericea Lespedeza Symposium

A Process To Improve Grazing Land Influences On Water Quality ^

Agronomy Field Day (KSU)
KS Section, SRM (Fall Meeting)
KSU Research and Extension Annual Conference

Evaluating Grazing Management Systems: A Process for Improving Water Quality

State Advisory Committee Meeting
Grazing Management Workshops
Water and the Future of Kansas Conference
Meetings held by county agents

<u>Title</u>	<u>Target Audience</u>
2001 <i>WQFARE: A Financial Analysis and Resource Evaluation Process for Improving Grazing Land Water Quality</i>	KSU Cattlemen's Day on March 1, 2001
<i>Evaluating Landscape and Management Influences on Livestock Behavior and Water Quality</i>	KSU Cattlemen's Day on March 1, 2001
2002 <i>WQFARE: A Financial Analysis and Resource Evaluation Process for Improving Grazing Land Water Quality</i>	Society for the Range Management (SRM) Annual Meeting, Feb.13-19 in Kansas City, Missouri Water and the Future of Kansas Conference, Lawrence, March 5, 2002 Kansas Forage and Grasslands Council meeting. Lawrence, March14, 2002
<i>Evaluating Landscape and Management Influences on Livestock Behavior and Water Quality</i>	Society for the Range Management (SRM) Annual Meeting, Feb.13-19, Kansas City, Missouri Water and the Future of Kansas Conference Lawrence, March 5, 2002 Kansas Forage and Grasslands Council meeting, Lawrence, March14, 2002
<i>Using Structured Information Exchange and GIS to Assemble Knowledge to Address Multiple Objectives for Grassland Systems</i>	Society for the Range Management (SRM) Annual Meeting, Feb.13-19, Kansas City Missouri